

## Cast Steel Swing Check Valve to ANSI CLASS 150, 2"~4"

### Series SCF-CL150

#### Features

- Suitable for a wide range of industry and media
- Precision, high quality investment castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

PMA: 285 psi@34°F

TMA: 842°F

Selection:

Material of Body:  
ASTM A216 WCB

#### Standards

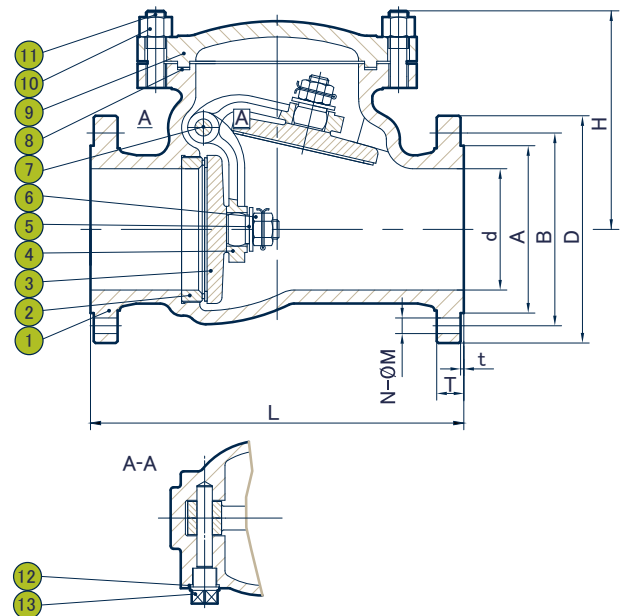
- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5

#### Limitation

If installed in a vertical position, the direction of flow must be in an up-flow direction  
If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	GASKET	COPPER ALLOYS
13	DRAIN PLUG	CARBON STEEL

\* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



#### Dimensions (mm)

Size		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
2"	50	49	203	133	16	1.6	92	120.5	152	4-Ø19	14
2½"	65	62	216	148	18	1.6	105	139.5	178	4-Ø19	20
3"	80	74	241	160	19	1.6	127	152.5	190	4-Ø19	25
4"	100	100	295	187	24	1.6	157	190.5	229	8-Ø19	42

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

# Cast Steel Swing Check Valve to ANSI CLASS 150, 6"~24"

## Series SCF-CL150

### Features

- Suitable for a wide range of industry and media
- Precision, high quality investment castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

PMA: 285 psi@34°F

TMA: 842°F

Selection:

Material of Body:  
ASTM A216 WCB

### Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5

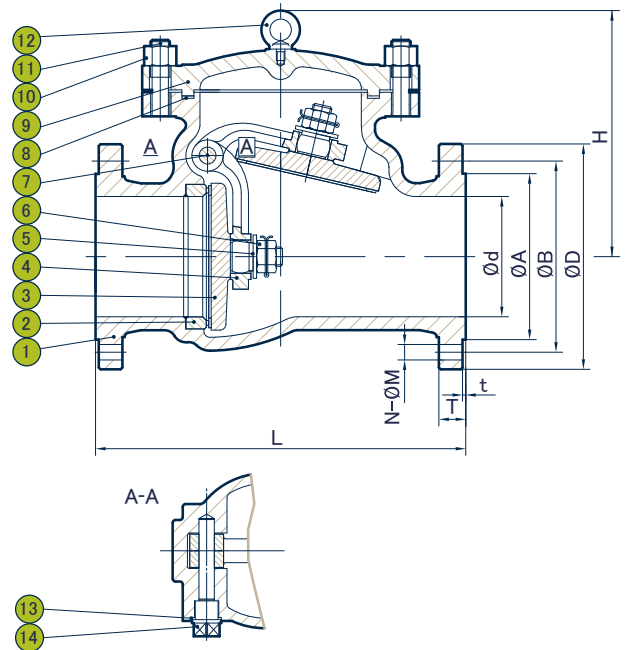
### Limitation

If installed in a vertical position, the direction of flow must be in an up-flow direction  
If installed in a horizontal position, the valve must be installed with the cover oriented to the top

6

Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
13	GASKET	COPPER ALLOYS
14	DRAIN PLUG	CARBON STEEL

\* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



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### Dimensions (mm)

Size		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
6"	150	150	356	275	26	1.6	216	241.5	279	8-Ø22	66
8"	200	201	495	340	29	1.6	270	298.5	343	8-Ø22	126
10"	250	252	622	355	31	1.6	324	362	406	12-Ø25	195
12"	300	303	698	410	32	1.6	381	432	483	12-Ø25	300
14"	350	334	787	475	35	1.6	413	476	533	12-Ø29	440
16"	400	385	864	552	37	1.6	470	540	597	16-Ø29	550
18"	450	436	978	600	40	1.6	533	578	635	16-Ø32	720
20"	500	487	978	660	43	1.6	584	635	699	20-Ø32	-
24"	600	589	1295	740	48	1.6	692	749.5	813	20-Ø35	-

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.